

46

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0008447375

WPI Acc no: 1997-145233/199713

XRAM Acc no: C1997-046296

4,5-Diaryloxazol-2-yl- alkyl-aryl or -aryloxy alkanoic acid derivs. - are platelet aggregation inhibitors, vasodilators, and antihypertensives

Patent Assignee: FUJISAWA PHARM CO LTD (FUJI)

Inventor: HATTORI K; OKITSU O; TABUCHI S; TANIGUCHI K; TANIGUCHI K; TSUBAKI K

Patent Family (19 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997003973	A1	19970206	WO 1996JP1996	A	19960718	199713	B
AU 199664697	A	19970218	AU 199664697	A	19960718	199723	E
ZA 199606126	A	19970430	ZA 19966126	A	19960718	199723	E
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			WO 1996JP1996	A	19960718		
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HU 199900881	A2	19990830	WO 1996JP1996	A	19960718	199940	E
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			EP 1996924137	A	19960718		
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Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997003973	A1	EN	138	0		
National Designated States,Original	AU CA CN HU JP KR MX US					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199664697	A	EN			Based on OPI patent	WO 1997003973
ZA 199606126	A	EN	138	0		
EP 842161	A1	EN			PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
HU 199900881	A2	HU			PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
JP 11509191	W	JA	134		PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
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					Based on OPI patent	WO 1997003973
AU 716304	B	EN			Previously issued patent	AU 9664697
					Based on OPI patent	WO 1997003973
KR 1999063582	A	KO		0	PCT Application	WO 1996JP1996
					Based on OPI patent	WO 1997003973
TW 401408	A	ZH				
US 6300344	B1	EN			Division of application	US 1998983139
					Division of patent	US 5972965
EP 1213285	A2	EN			Division of application	EP 1996924137
					Division of patent	EP 842161
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE					
EP 842161	B1	EN			PCT Application	WO 1996JP1996
					Related to application	EP 20023081
					Related to patent	EP 1213285

		Based on OPI patent		WO 1997003973
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE			
DE 69623785	E	DE	Application	EP 1996924137
			PCT Application	WO 1996JP1996
			Based on OPI patent	EP 842161
			Based on OPI patent	WO 1997003973
ES 2181902	T3	ES	Application	EP 1996924137
			Based on OPI patent	EP 842161

Alerting Abstract WO A1

(4,5-Diaryloxazol-2-ylalkyl)aryl (or -aryloxy) alkanolic acid derivs. of formula (I) and their salts; R₂, R₃ = aryl (opt. substd.); R₄ = H, OH, 1-6C alkyl, or aryl; A₁ = 1-6C alkylene substd. by R₄; A₃ = A₄-A₅; A₄ = a bond, CH₂, or CO; A₅ = 5-8C cycloalkene, 7-8C cycloalkane, pyrrolidine, or piperidine (all opt. substd.), or X-A₆; X = O, S, or NR₅; R₅ = H, 1-6C alkyl, or aryl; USE - (I) have platelet aggregation, vasodilating, and antihypertensive activities, and are useful for the treatment of thrombosis, arterial obstruction, cerebrovascular disorders, gastric ulcer, hepatitis, hepatic stenosis after PTCA, hypertension, inflammation, autoimmune disease, heart failure, renal disorders, and for protecting organs after transplant or surgery, also in organ preserving fluids.

Title Terms /Index Terms/Additional Words: DI; YL; ALKYL; ARYL; ARYLOXY; ALKANOIC; ANTIHYPERTENSIVE

Class Codes**International Patent Classification**

IPC	Class Level	Scope	Position	Status	Version Date
A61K-031/33; A61K-031/42; C07D-263/32			Main		"Version 7"
A61K-031/00; C07D-263/34; C07D-413/04			Secondary		"Version 7"
A61K-0031/42	A	I		R	20060101
C07D-0263/32	A	I		R	20060101
C07D-0413/04	A	I		R	20060101
A61K-0031/42	C	I		R	20060101
C07D	S	I		R	20060101
C07D-0263/00	C	I		R	20060101
C07D-0413/00	C	I		R	20060101

US Classification, Issued: 514326000, 514374000, 546209000, 548235000, 514326000, 5143

File Segment: CPI

DWPI Class: B03

Manual Codes (CPI/A-N): B07-E01; B14-C03; B14-E08; B14-F01E; B14-F02; B14-F02D; B14-F02E; B14-F02F; B14-F02G; B14-F02H; B14-F02I; B14-F02J; B14-F02K; B14-F02L; B14-F02M; B14-F02N; B14-F02O; B14-F02P; B14-F02Q; B14-F02R; B14-F02S; B14-F02T; B14-F02U; B14-F02V; B14-F02W; B14-F02X; B14-F02Y; B14-F02Z; B14-F02AA; B14-F02AB; B14-F02AC; B14-F02AD; B14-F02AE; B14-F02AF; B14-F02AG; B14-F02AH; B14-F02AI; B14-F02AJ; B14-F02AK; B14-F02AL; B14-F02AM; B14-F02AN; B14-F02AO; B14-F02AP; B14-F02AQ; B14-F02AR; B14-F02AS; B14-F02AT; B14-F02AU; B14-F02AV; B14-F02AW; B14-F02AX; B14-F02AY; B14-F02AZ; B14-F02BA; B14-F02BB; B14-F02BC; B14-F02BD; B14-F02BE; B14-F02BF; B14-F02BG; B14-F02BH; B14-F02BI; B14-F02BJ; B14-F02BK; B14-F02BL; B14-F02BM; B14-F02BN; B14-F02BO; B14-F02BP; B14-F02BQ; B14-F02BR; B14-F02BS; B14-F02BT; B14-F02BU; B14-F02BV; B14-F02BW; B14-F02BX; B14-F02BY; B14-F02BZ; B14-F02CA; B14-F02CB; B14-F02CC; B14-F02CD; B14-F02CE; B14-F02CF; B14-F02CG; B14-F02CH; B14-F02CI; B14-F02CJ; B14-F02CK; B14-F02CL; B14-F02CM; B14-F02CN; B14-F02CO; B14-F02CP; B14-F02CQ; B14-F02CR; B14-F02CS; B14-F02CT; B14-F02CU; B14-F02CV; B14-F02CW; B14-F02CX; B14-F02CY; B14-F02CZ; B14-F02DA; B14-F02DB; B14-F02DC; B14-F02DD; B14-F02DE; B14-F02DF; B14-F02DG; B14-F02DH; B14-F02DI; B14-F02DJ; B14-F02DK; B14-F02DL; B14-F02DM; B14-F02DN; B14-F02DO; B14-F02DP; B14-F02DQ; B14-F02DR; B14-F02DS; B14-F02DT; B14-F02DU; B14-F02DV; B14-F02DW; B14-F02DX; B14-F02DY; B14-F02DZ; B14-F02EA; B14-F02EB; B14-F02EC; B14-F02ED; B14-F02EE; B14-F02EF; B14-F02EG; B14-F02EH; B14-F02EI; B14-F02EJ; B14-F02EK; B14-F02EL; B14-F02EM; B14-F02EN; B14-F02EO; B14-F02EP; B14-F02EQ; B14-F02ER; B14-F02ES; B14-F02ET; B14-F02EU; B14-F02EV; B14-F02EW; B14-F02EX; B14-F02EY; B14-F02EZ; B14-F02FA; B14-F02FB; B14-F02FC; B14-F02FD; B14-F02FE; B14-F02FF; B14-F02FG; B14-F02FH; B14-F02FI; B14-F02FJ; B14-F02FK; B14-F02FL; B14-F02FM; B14-F02FN; B14-F02FO; B14-F02FP; B14-F02FQ; B14-F02FR; B14-F02FS; B14-F02FT; B14-F02FU; B14-F02FV; B14-F02FW; B14-F02FX; B14-F02FY; 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B14-F02QM; B14-F02QN; B14-F02QO; B14-F02QP; B14-F02QQ; B14-F02QR; B14-F02QS; B14-F02QT; B14-F02QU; B14-F02QV; B14-F02QW; B14-F02QX; B14-F02QY; B14-F02QZ; B14-F02RA; B14-F02RB; B14-F02RC; B14-F02RD; B14-F02RE; B14-F02RF; B14-F02RG; B14-F02RH; B14-F02RI; B14-F02RJ; B14-F02RK; B14-F02RL; B14-F02RM; B14-F02RN; B14-F02RO; B14-F02RP; B14-F02RQ; B14-F02RR; B14-F02RS; B14-F02RT; B14-F02RU; B14-F02RV; B14-F02RW; B14-F02RX; B14-F02RY; B14-F02RZ; B14-F02SA; B14-F02SB; B14-F02SC; B14-F02SD; B14-F02SE; B14-F02SF; B14-F02SG; B14-F02SH; B14-F02SI; B14-F02SJ; B14-F02SK; B14-F02SL; B14-F02SM; B14-F02SN; B14-F02SO; B14-F02SP; B14-F02SQ; B14-F02SR; B14-F02SS; B14-F02ST; B14-F02SU; B14-F02SV; B14-F02SW; B14-F02SX; B14-F02SY; B14-F02SZ; B14-F02TA; B14-F02TB; B14-F02TC; B14-F02TD; B14-F02TE; B14-F02TF; B14-F02TG; B14-F02TH; B14-F02TI; B14-F02TJ; B14-F02TK; B14-F02TL; B14-F02TM; B14-F02TN; B14-F02TO; B14-F02TP; B14-F02TQ; B14-F02TR; B14-F02TS; B14-F02TT; B14-F02TU; B14-F02TV; B14-F02TW; B14-F02TX; B14-F02TY; 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B14-F02XM; B14-F02XN; B14-F02XO; B14-F02XP; B14-F02XQ; B14-F02XR; B14-F02XS; B14-F02XT; B14-F02XU; B14-F02XV; B14-F02XW; B14-F02XX; B14-F02XY; B14-F02XZ; B14-F02YA; B14-F02YB; B14-F02YC; B14-F02YD; B14-F02YE; B14-F02YF; B14-F02YG; B14-F02YH; B14-F02YI; B14-F02YJ; B14-F02YK; B14-F02YL; B14-F02YM; B14-F02YN; B14-F02YO; B14-F02YP; B14-F02YQ; B14-F02YR; B14-F02YS; B14-F02YT; B14-F02YU; B14-F02YV; B14-F02YW; B14-F02YX; B14-F02YY; B14-F02YZ; B14-F02ZA; B14-F02ZB; B14-F02ZC; B14-F02ZD; B14-F02ZE; B14-F02ZF; B14-F02ZG; B14-F02ZH; B14-F02ZI; B14-F02ZJ; B14-F02ZK; B14-F02ZL; B14-F02ZM; B14-F02ZN; B14-F02ZO; B14-F02ZP; B14-F02ZQ; B14-F02ZR; B14-F02ZS; B14-F02ZT; B14-F02ZU; B14-F02ZV; B14-F02ZW; B14-F02ZX; B14-F02ZY; B14-F02ZZ

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(54) Title: 4,5-DIARYL OXAZOLE DERIVATIVES

(57) Abstract

Heterocyclic compounds of formula (I), wherein R¹ is carboxy or protected carboxy, R² is aryl which may have suitable substituent(s), R³ is aryl which may have suitable substituent(s), R⁴ is hydrogen, lower alkyl, hydroxy or aryl, A¹ is lower alkylene, (a) is (b), etc., -A³- is (c), etc. and n is 0 or 1, and pharmaceutically acceptable salts thereof which are useful as a medicament.

